

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219	SDG No.:	P5362
Lab Sample ID:	P5362-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141001.D	1	12/23/24 09:35	12/27/24 17:21	PB165814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	90.0	U	90.0	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.9	U	90.9	180	ug/Kg
95-57-8	2-Chlorophenol	90.7	U	90.7	180	ug/Kg
95-48-7	2-Methylphenol	87.6	U	87.6	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.7	UQ	98.7	180	ug/Kg
98-86-2	Acetophenone	94.4	U	94.4	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.7	U	86.7	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.8	UQ	43.8	86.9	ug/Kg
67-72-1	Hexachloroethane	90.2	U	90.2	180	ug/Kg
98-95-3	Nitrobenzene	98.6	UQ	98.6	180	ug/Kg
78-59-1	Isophorone	91.9	UQ	91.9	180	ug/Kg
88-75-5	2-Nitrophenol	100	UQ	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.2	U	93.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	82.0	U	82.0	180	ug/Kg
91-20-3	Naphthalene	89.7	U	89.7	180	ug/Kg
106-47-8	4-Chloroaniline	89.7	U	89.7	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.5	U	90.5	180	ug/Kg
105-60-2	Caprolactam	94.3	U	94.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.2	U	84.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.6	U	89.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.6	UQ	77.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.4	UQ	80.4	180	ug/Kg
92-52-4	1,1-Biphenyl	94.9	U	94.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.5	U	90.5	180	ug/Kg
88-74-4	2-Nitroaniline	100	UQ	100	180	ug/Kg
131-11-3	Dimethylphthalate	88.7	UQ	88.7	180	ug/Kg

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208-96-8	Acenaphthylene	94.0	UQ	94.0	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.4	UQ	90.4	180	ug/Kg
99-09-2	3-Nitroaniline	96.9	U	96.9	180	ug/Kg
83-32-9	Acenaphthene	88.1	UQ	88.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	360	ug/Kg
100-02-7	4-Nitrophenol	130	UQ	130	360	ug/Kg
132-64-9	Dibenzofuran	91.7	UQ	91.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.6	UQ	93.6	180	ug/Kg
84-66-2	Diethylphthalate	87.0	U	87.0	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.0	U	93.0	180	ug/Kg
86-73-7	Fluorene	92.9	U	92.9	180	ug/Kg
100-01-6	4-Nitroaniline	120	UQ	120	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	UQ	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.6	UQ	88.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.7	UQ	85.7	180	ug/Kg
118-74-1	Hexachlorobenzene	92.3	UQ	92.3	180	ug/Kg
1912-24-9	Atrazine	99.3	U	99.3	180	ug/Kg
87-86-5	Pentachlorophenol	84.0	UQ	84.0	360	ug/Kg
85-01-8	Phenanthrene	91.2	U	91.2	180	ug/Kg
120-12-7	Anthracene	91.7	UQ	91.7	180	ug/Kg
86-74-8	Carbazole	87.2	UQ	87.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.6	U	91.6	180	ug/Kg
206-44-0	Fluoranthene	88.7	U	88.7	180	ug/Kg
129-00-0	Pyrene	92.7	J	90.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	UQ	110	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	87.7	U	87.7	180	ug/Kg
218-01-9	Chrysene	86.4	U	86.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.8	U	98.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.9	J	88.1	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	89.7	UQ	89.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	150	JQ	100	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.8	UQ	84.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.2	U	88.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	87.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.3	U	94.3	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.1	UQ	81.1	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	115		18 - 112	76%	SPK: 150
13127-88-3	Phenol-d6	114		15 - 107	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.0		18 - 107	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.5		20 - 109	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		10 - 116	85%	SPK: 150
1718-51-0	Terphenyl-d14	79.2		10 - 105	79%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	239000	6.822	
1146-65-2	Naphthalene-d8	952000	8.104	
15067-26-2	Acenaphthene-d10	519000	9.857	
1517-22-2	Phenanthrene-d10	859000	11.339	
1719-03-5	Chrysene-d12	501000	13.974	
1520-96-3	Perylene-d12	533000	15.433	

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	340	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	250	J	11.9	ug/Kg
074685-30-6	5-Eicosene, (E)-	170	J	13.8	ug/Kg
000198-55-0	Perylene	150	J	15.3	ug/Kg
000191-26-4	Dibenzo[def,mno]chrysene	120	J	16.9	ug/Kg

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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products